A2575-1 3/14/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MARCH* 4, 1983 **NO.** 9

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/04/83	Last Week Ending: 02/25/83	Last Year Week Ending: 03/05/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,098	11,120	11,546	- 22	- 448
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	66.0	66.1	64.8		
Motor Gasoline					
Total motor gasoline production	5,897	5,869	5,965	+ 28	- 68
Finished leaded motor gasoline production	2,870	2,633	*N/A*	+ 237	*N/A*
Finished unleaded motor gasoline production	3,027	3,236	*N/A*	- 209	*N/A*
Total motor gasoline stocks	250,828	249,989	252,306	+ 839	- 1,478
Finished leaded motor gasoline stocks	104,643	104,967	*N/A*	- 324	*N/A*
Finished unleaded motor gasoline stocks	101,823	99,916	99,314	+ 1,907	+ 2,509
Distillate Fuel Oil					
Distillate fuel oil production	2,109	2,163	2,313	- 54	- 204
Distillate fuel oil stocks	144,024	148,024	140,561	- 4,000	+ 3,463
Residual Fuel Oil					
Residual fuel oil production	866	904	1,071	- 38	- 205
Residual fuel oil stocks	52,534	54,452	61,359	- 1,918	- 8,825
Imports					
Crude oil imports	2,097	1,772	3,201	+ 325	- 1,104
Product imports	2,071	1,915	1,462	+ 156	+ 609
Crude Oil Stocks					
Crude oil stocks	359,002	363,559	384,314	- 4,557	- 25,312

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,102●	884	901	1,569	57.4
Appal. No. 1	63	62	63	98	64.3
DISTRICT 1 TOTAL	1,165●	946	964	1,667	57.8
Appal. No. 2	51	45	51	66	77.3
Ind., Ill., Ky.	1,831	1,671	1,728	2,399	72.0
Minn., Wis., Daks.	254	238	251	293	85.7
Okla., Kans., Mo.	718	640	646	858	75.3
DISTRICT 2 TOTAL	2,854	2,594	2,676	3,616	74.0
Inland Texas	539	453	497	592	84.0
Texas Gulf Coast	2,898	2,630	2,728	4,164	65.5
La. Gulf Coast	1,747	1,527	1,570	2,708	58.0
N. La. and Ark.	182	179	179	314	57.0
New Mexico	97	84	89	117	76.1
DISTRICT 3 TOTAL	5,463	4,873	5,063	7,895	64.1
DISTRICT 4 TOTAL	386	352	356	553	64.4
DISTRICT 5 TOTAL	2,144	1,994	2,039	3,083	66.1
TOTAL U.S.	12,012	10,759	11,098	16,814	66.0
TOTAL U.S. Weeks Ended:					
FEB. 25, 1983	11,911●	10,776	11,120	16,814	66.1
MAR. 5, 1982	12,328	11,294	11,546	17,822	64.8
DISTRICTS 1-4 Weeks Ended:					
MAR. 4, 1983	9,868	8,765	9,059	13,731	66.0
FEB. 25, 1983	9,828●	8,745	9,064	13,731	66.0
MAR. 5, 1982	10,287	9,312	9,555	14,698	65.0

● *SEE REVISIONS ON PAGE 7.*

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 4, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	450	169	281	25	13	196	127
Appal. No. 1	30	19	11	1	--	14	2
DISTRICT 1 TOTAL	480	188	292	26	13	210	129
Appal. No. 2	35	18	17	2	3	6	1
Ind., Ill., Ky.	1,149	559	590	19	82	315	101
Minn., Wis., Daks.	143	72	71	3	4	57	7
Okla., Kans., Mo.	381	242	139	14	34	158	14
DISTRICT 2 TOTAL	1,708	891	817	38	123	536	123
Inland Texas	255	123	132	25	27	98	18
Texas Gulf Coast	1,321	569	752	11	226	564	168
La. Gulf Coast	888	457	431	11	187	214	121
N. La. and Ark.	65	41	24	5	--	51	11
New Mexico	17	11	6	17	2	26	2
DISTRICT 3 TOTAL	2,546	1,201	1,345	69	442	953	320
DISTRICT 4 TOTAL	197	130	67	7	12	100	8
DISTRICT 5 TOTAL	966	460	506	51	227	310	280
TOTAL U.S.	5,897	2,870	3,027	191	817	2,109	866
TOTAL U.S. Weeks Ended:							
FEB. 25, 1983	5,869	2,633	3,236	183	727	2,163	904
MAR. 5, 1982	5,965	*N/A*	*N/A*	187	877	2,313	1,071
DISTRICTS 1-4 Weeks Ended:							
MAR. 4, 1983	4,931	2,410	2,521	140	590	1,799	580
FEB. 25, 1983	4,975	2,259	2,716	140	560	1,852	611
MAR. 5, 1982	5,059	*N/A*	*N/A*	131	672	2,021	672

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 4, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,116	2,985	3,131	--	103	590	9,255	2,009	--
Central Atlantic	33,444	12,720	16,438	4,286	341	4,068	28,800	18,521	13,267
Lower Atlantic	26,118	12,756	13,056	306	94	3,916	14,407	3,292	473
DISTRICT 1 TOTAL	65,678	28,461	32,625	4,592	538	8,574	52,462	23,822	13,740
DISTRICT 2 TOTAL	76,541	35,507	31,449	9,585	1,521	7,324	47,044	4,843	16,269
DISTRICT 3 TOTAL	68,494	24,376	24,577	19,541	2,042	11,284	28,327	14,258	47,463
DISTRICT 4 TOTAL	9,831	4,859	2,318	2,654	296	639	3,943	369	2,717
DISTRICT 5 TOTAL	30,284	11,440	10,854	7,990	1,363	4,756	12,248	9,242	28,326
TOTAL U.S.	250,828	104,643	101,823	44,362	5,760	32,577	144,024	52,534	108,515
TOTAL U.S. Weeks Ended:									
FEB. 25, 1983	249,989	104,967	99,916	45,106	5,832	33,148	148,024	54,452	109,651
MAR. 5, 1982	252,306	*N/A*	99,314	*N/A*	6,505	30,409	140,561	61,359	117,510
DISTRICTS 1-4 Weeks Ended:									
MAR. 4, 1983	220,544	93,203	90,969	36,372	4,397	27,821	131,776	43,292	80,189
FEB. 25, 1983	219,683	93,856	89,477	36,350	4,482	27,469	135,904	45,462	81,806
MAR. 5, 1982	222,088	*N/A*	88,646	*N/A*	5,217	23,603	127,805	50,142	91,031

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 4, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *OCT* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 4, 1983	5,823.5	5,860.0	1,942	216	273,448
FEB. 25, 1983	5,823.5	--	1,522	190	278,499
FEB. 18, 1983	5,823.5	--	2,350	187	282,741
FEB. 11, 1983	5,823.5	--	2,068	236	278,642
DISTRICT 5 TOTAL					
MAR. 4, 1983	2,840.0	2,824.0	155	25	85,554 *
FEB. 25, 1983	2,840.0	--	250	20	85,060
FEB. 18, 1983	2,840.0	--	47	9	84,116
FEB. 11, 1983	2,840.0	--	242	29	81,841
TOTAL U.S.					
MAR. 4, 1983	8,663.5	8,684.0	2,097	241	359,002 *
FEB. 25, 1983	8,663.5	--	1,772	210	363,559
FEB. 18, 1983	8,663.5	--	2,397	196	366,857
FEB. 11, 1983	8,663.5	--	2,310	265	360,483
MAR. 5, 1982	8,726.6	--	3,201	201	384,314

*INCLUDES 27,852 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 4, 1983	16,733	81,669	159,200	15,846	273,448	85,554 *	359,002 *
FEB. 25, 1983	18,360	80,797	163,232	16,110	278,499	85,060	363,559
MAR. 5, 1982	22,375	82,035	172,190	15,585	292,185	92,129	384,314

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH 4, 1983*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	409	5	--	--	414
Central Atlantic	156	66	90	3	16	99	529	5	70	51	929
Lower Atlantic	--	--	--	--	--	--	139	--	--	--	139
DISTRICT 1 TOTAL											
MAR. 4, 1983	156	66	90	3	16	99	1,077	10	70	51	1,482
FEB. 25, 1983	115	61	54	--	15	120	879	6	36	115	1,286
FEB. 18, 1983	152	94	58	6	7	127	731	5	72	55	1,155
FEB. 11, 1983	179	127	52	--	--	113	633	7	70	153	1,155
DISTRICTS 2-4 TOTAL											
MAR. 4, 1983	--	--	--	--	--	3	120	279	89	17	508
FEB. 25, 1983	--	--	--	--	--	5	88	275	100	43	511
FEB. 18, 1983	--	--	--	--	--	5	60	262	122	49	498
FEB. 11, 1983	--	--	--	--	--	7	68	265	97	82	519
DISTRICT 5 TOTAL											
MAR. 4, 1983	37	29	8	--	--	6	16	13	1	8	81
FEB. 25, 1983	39	29	10	--	--	7	50	11	--	11	118
FEB. 18, 1983	42	34	8	--	--	7	17	14	--	11	91
FEB. 11, 1983	39	30	9	--	--	7	11	13	--	10	80
TOTAL U.S.	193	95	98	3	16	108	1,213	302	160	76	2,071
TOTAL U.S. Weeks Ended:											
FEB. 25, 1983	154	90	64	--	15	132	1,017	292	136	169	1,915
FEB. 18, 1983	194	128	66	6	7	139	808	281	194	115	1,744
FEB. 11, 1983	218	157	61	--	--	127	712	285	167	245	1,754
MAR. 5, 1982	136	*N/A*	68	--	36	78	735	262	186	19	1,462

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia
Lower Atlantic— Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

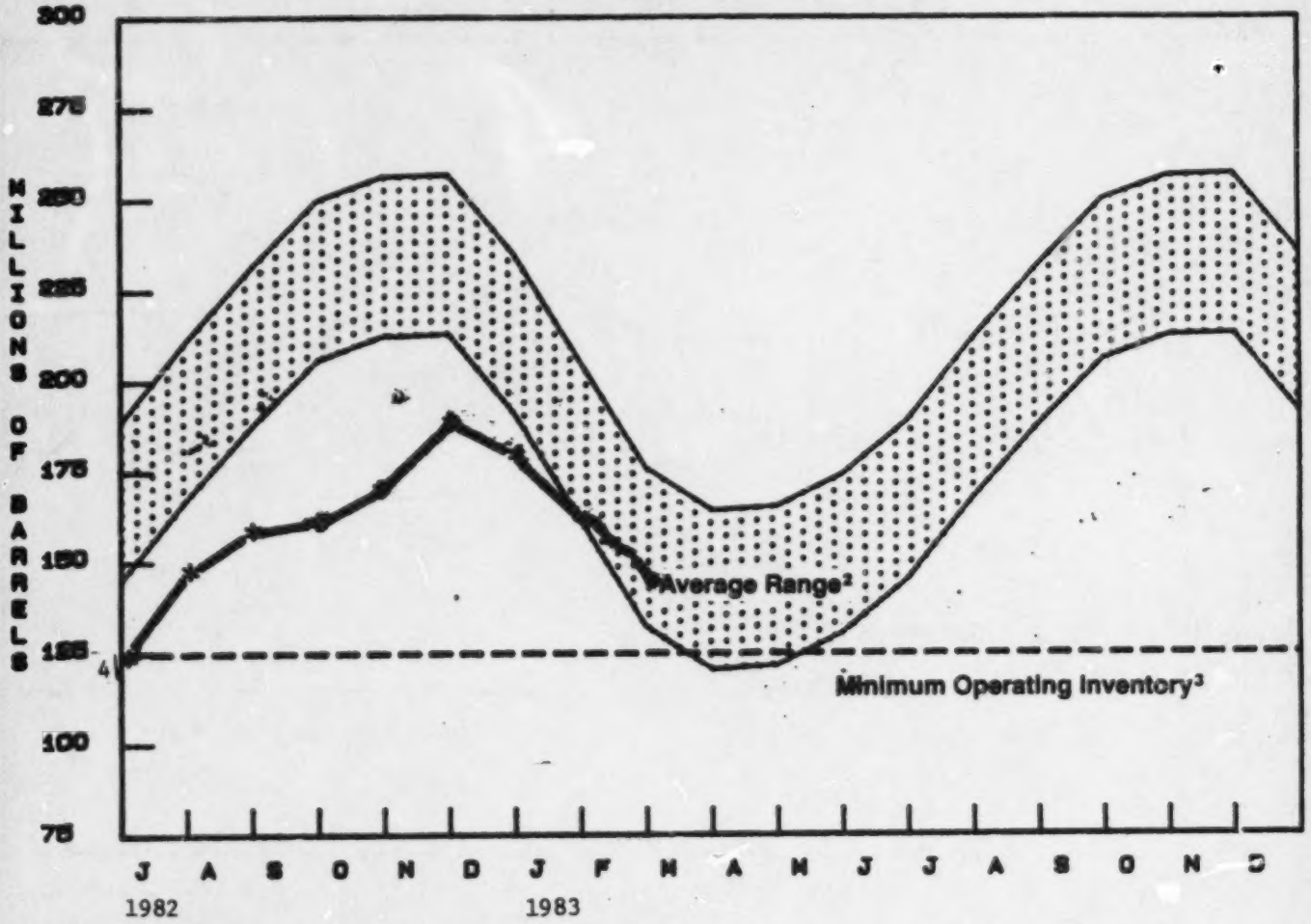
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

2/25/83	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,141
			DISTRICT 1 TOTAL	1,202
			TOTAL U.S.	11,911
			DISTRICTS 1-4	9,828

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

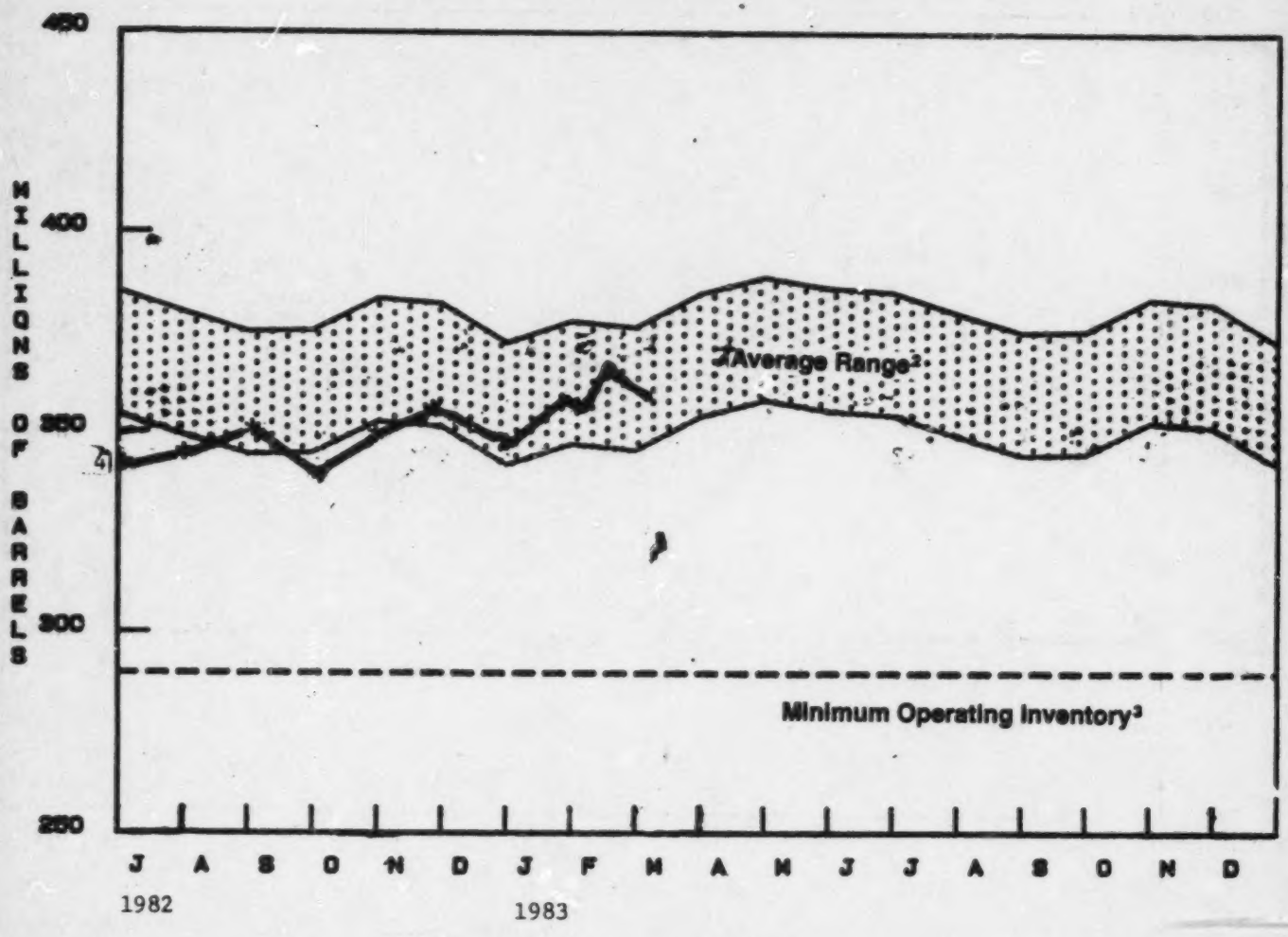
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

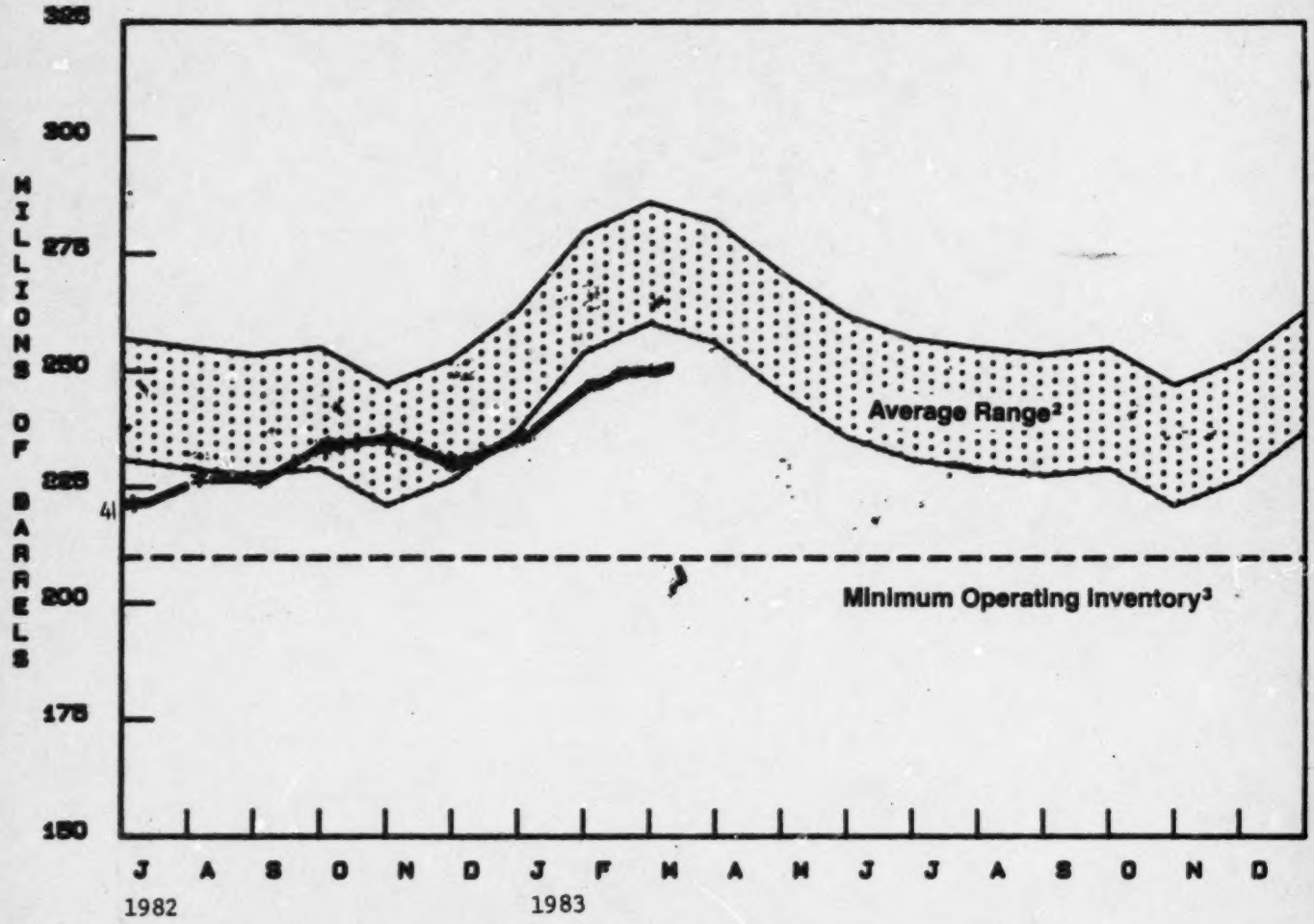
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.